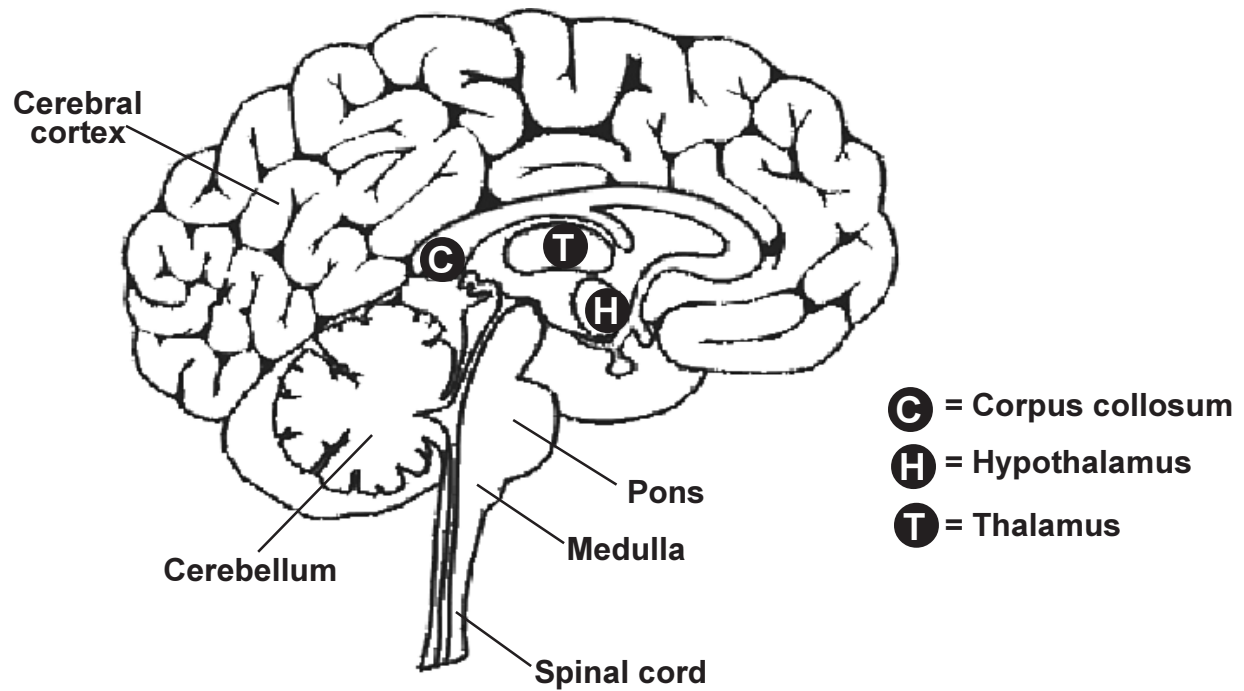
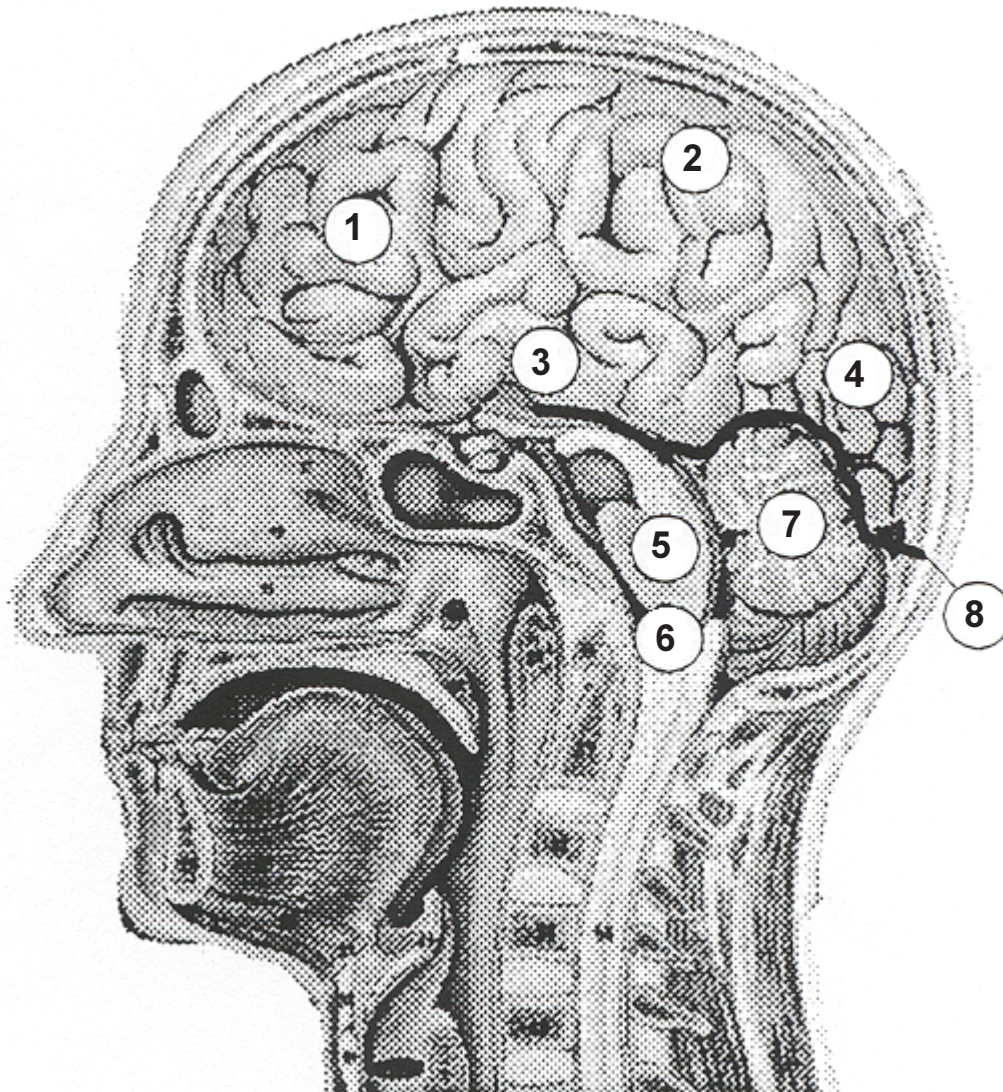


**ANATOMIC DRAWINGS OF THE BRAIN AND
CENTRAL NERVOUS SYSTEM**



**SAGITTAL CUT THROUGH THE
BRAIN AND BRAIN STEM**

ANATOMIC DRAWINGS OF THE BRAIN AND CENTRAL NERVOUS SYSTEM



**SAGITTAL CUT THROUGH THE HUMAN HEAD
WITH CEREBRUM IN PLACE**

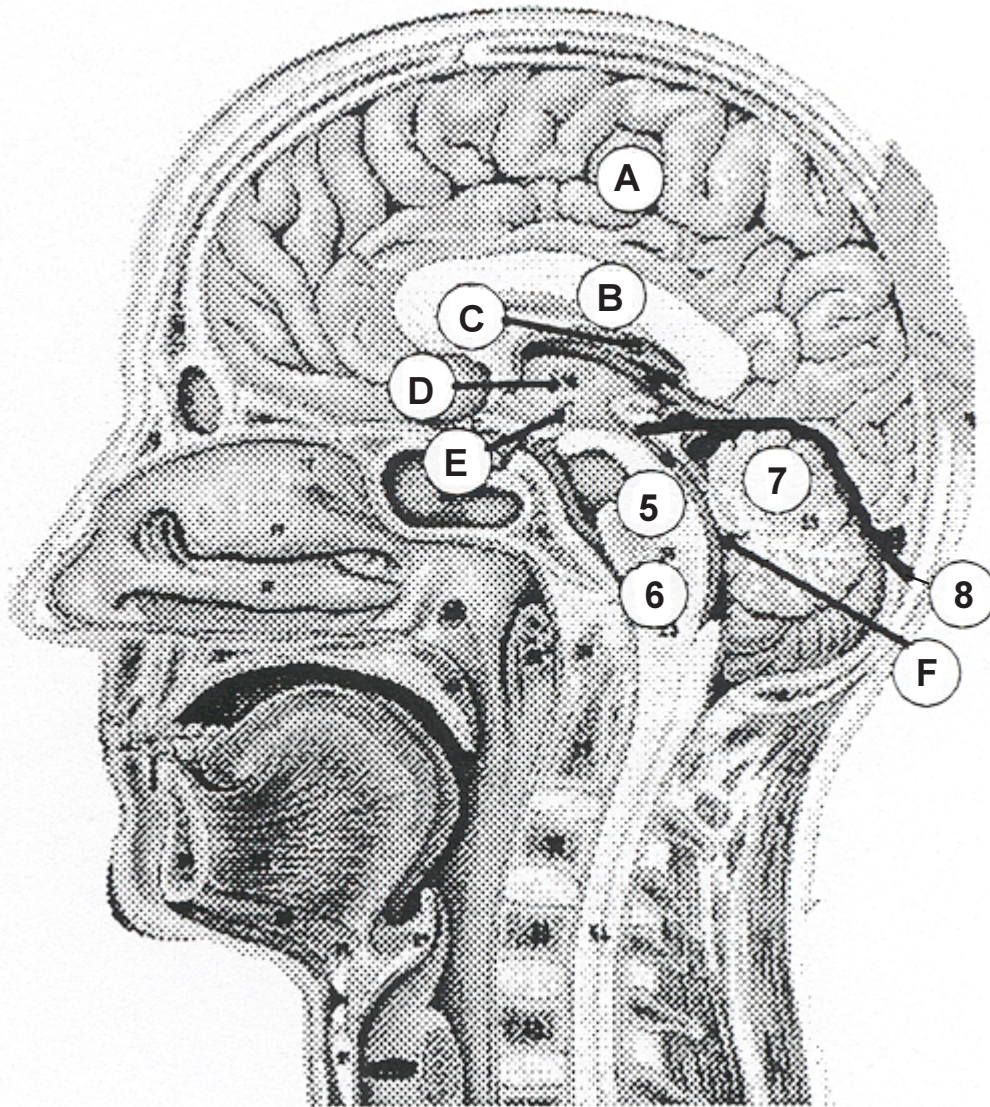
The cerebrum is comprised of the:

- 1 Frontal lobe**
- 2 Parietal lobe**
- 3 Temporal lobe**
- 4 Occipital lobe**

Other parts of the brain include:

- 5 Pons**
- 6 Medulla (oblongata)**
- 7 Cerebellum**
- 8 Tentorium (cerebelli)**

ANATOMIC DRAWINGS OF THE BRAIN AND CENTRAL NERVOUS SYSTEM



SAGITTAL CUT THROUGH THE HUMAN HEAD

Internal anatomy of the brain:

- A Inner surface of right hemisphere of cerebrum
- B Corpus callosum
- C Velum interpositum
- D Middle commissure
- E Third ventricle
- F Fourth ventricle

Other parts of the brain (as on previous drawing):

- 5 Pons
- 6 Medulla (oblongata)
- 7 Cerebellum
- 8 Tentorium (cerebelli)

BRAIN AND CEREBRAL MENINGES

C70.0, C71.0-C71.9

Supratentorial (S) or Infratentorial (I)

C70.0 Cerebral meninges

C71.0 Cerebrum † (S)

C71.1 Frontal lobe (S)

C71.2 Temporal lobe (S)

C71.3 Parietal lobe (S)

C71.4 Occipital lobe (S)

C71.5 Ventricle, NOS (S)

C71.6 Cerebellum, NOS (I)

C71.7 Brain stem (I)

C71.8 Overlapping lesion of brain †

C71.9 Brain, NOS †

†See Note 1.

SUMMARY STAGE

1 Localized only

Supratentorial tumor confined to:

Cerebral hemisphere (cerebrum) or **meninges of cerebral hemisphere** on one side:

Frontal lobe

Occipital lobe

Parietal lobe

Temporal lobe

More than one lobe in same hemisphere

Infratentorial tumor confined to:

Cerebellum or **meninges of cerebellum** on one side:

Vermis:

Lateral lobes

Median lobe of cerebellum

Brain stem or **meninges of brain stem** on one side:

Medulla oblongata

Midbrain (mesencephalon)

Pons

Both cerebellum and brain stem involved WITH tumor on one side

Hypothalamus

Thalamus

Confined to brain, NOS

Confined to meninges, NOS

Confined to ventricles

Tumor invades or encroaches upon ventricular system

BRAIN AND CEREBRAL MENINGES
C70.0, C71.0-C71.9

5 Regional, NOS

Infratentorial tumor extends supratentorially to involve cerebrum (cerebral hemisphere)

Supratentorial tumor extends infratentorially to involve cerebellum or brain stem

Tumor crosses the midline

Tumor invades:

Bone (skull)

Major blood vessel(s)

Meninges (dura)

Nerves, NOS:

Cranial nerves

Spinal cord/canal

Tumor involves contralateral hemisphere

Tumor involves corpus callosum including splenium.

7 Distant site(s)/lymph node(s) involved

Distant lymph node(s)

Extension to:

Circulating cells in cerebral spinal fluid (CSF)

Nasal cavity

Nasopharynx

Posterior pharynx

Outside central nervous system (CNS)

Further contiguous extension

Metastasis:

Circulating cells in cerebral spinal fluid (CSF)

“Drop” metastasis

9 Unknown if extension or metastasis

Note: Codes 0, 2, 3, and 4 are not applicable for this scheme.

Note 1: The following subsites coded to C71.0 are INFRAtentorial: hypothalamus, pallium, thalamus. The following subsites coded to C71.8 are SUPRAtentorial: corpus callosum, tapetum. The following sites coded to C71.9 are SUPRAtentorial: anterior cranial fossa, middle cranial fossa, suprasellar; the following subsites coded to C71.9 are INFRAtentorial: posterior cranial fossa.

Note 2: This scheme is compatible with the AJCC *Cancer Staging Manual, Fourth Edition* for brain. The AJCC opted not to recommend a TNM scheme for brain in the fifth edition.

OTHER PARTS OF CENTRAL NERVOUS SYSTEM

C70.1, C70.9, C72.0-C72.5, C72.8-C72.9

C70.1 Spinal meninges

C70.9 Meninges, NOS

C72.0 Spinal cord

C72.1 Cauda equina

C72.2 Olfactory nerve

C72.3 Optic nerve

C72.4 Acoustic nerve

C72.5 Cranial nerve, NOS

C72.8 Overlapping lesion of brain and central nervous system

C72.9 Nervous system, NOS

SUMMARY STAGE

1 Localized only

Tumor confined to tissue or site of origin

Localized, NOS

5 Regional, NOS

Adjacent connective/soft tissue

Adjacent muscle

Brain **for cranial nerve tumors**

Major blood vessel(s)

Meningeal tumor infiltrates nerve

Nerve tumor infiltrates meninges (dura)

Sphenoid and frontal sinuses (skull)

7 Distant site(s)/lymph node(s) involved

Distant lymph node(s)

Bone **except for skull**

Brain **except for cranial nerve tumors**

Eye

Further contiguous extension

Metastasis

9 Unknown if extension or metastasis

Note: Codes 0, 2, 3, and 4 are not applicable for this scheme.